

CITY OF SAN ANTONIO
DEPARTMENT OF CAPITAL IMPROVEMENTS
MANAGEMENT SERVICES

PROJECT NAME: GOLIAD / IH 37 OUTFALL, Prj No. 40-00054

DATE: JANUARY 20, 2011

ADDENDUM NO. 2

This addendum shall be included in and be considered part of the plans and specifications for the above named project. The contractor shall be required to sign an acknowledgment of the receipt of this addendum at the time he receives it.

Addendum No. 2 is issued to make various revisions in the Plans and Special Provisions.

1. Sheet 4, SUPPLEMENTAL GENERAL NOTES

- a. Note 1 Second paragraph, delete the first sentence and replace with the following:
"The Contractor is required to notify TXDOT 72 hours (3 business days) before start of construction to allow for proper inspection and coordination of work days and traffic control plans."
- b. Note 1, Second paragraph, delete the second sentence and replace with the following:
"Use the UIR website or contact Michael Acosta at (210) 633-1424 for the 72 hour notification"
- c. Note 1, add the following sentence:
"Contractor shall notify Transguide, Mr. Brad Adami, (210) 731-5109 for locate of their facilities in the project area."
- d. Note 3 Second paragraph, add the following sentence:
"The partial closure of the ramp shall be between the hours of 12 midnight to 5 AM."

2. Special Provision to TXDOT Item 476, Jacking, Boring or Tunneling Pipe or Box

Delete the Special Provision to TXDOT Item 476 and replace with the Revised Special Provision to TXDOT Item 476 included with this addendum No 2. The revised Special Provision includes the following added sections:

Surface Control:

The City of San Antonio and TXDOT will monitor the surface of IH 37 during the jacking operation. The Contractor's jacking operation shall not cause a change in the paved surface condition of IH 37 greater than 1/4" in 10 feet. If a greater change is documented, work shall immediately stop and the Contractor, TXDOT, City of San Antonio, and the Engineer shall determine the solution which shall be done at no additional cost to the City.

Use of Water:

The use of water in the excavation and jacking operation that would contact the surrounding soil is prohibited.

ATTACHMENTS

Plan Sheet No 4, Supplemental General Notes (1 page)

Special Provisions – TXDOT Item 476 (2 pages)

Addendum Acknowledgement Form (1 page)

Donald L. White

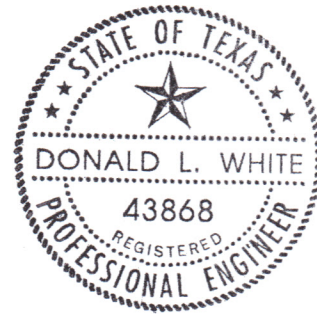
1/20/2011

Donald L. White, P.E.

Date

Fernandez Frazer White & Associates, Inc.

TBPE F-896



END OF ADDENDUM NO 2

ADDITIONAL NOTES

1. TXDOT PERMIT: A Permit from the Texas Department of Transportation (TxDOT) for construction on TxDOT Right of Way associated with the project has been obtained by the City of San Antonio. The Contractor shall comply with all requirements of the Permit. Construction work on this project within the highway right of way cannot begin until all of the following items have been satisfied.

The Contractor is required to notify TxDOT 72 hours (3 business days) before start of construction to allow for proper inspection and coordination of work days and traffic control plans. Use the UIR website or contact Michael Acosta at (210) 633-1424 for the 72 hour notification. ~~DO NOT start construction until the Contractor has coordinated the construction start date and inspection with TxDOT. The Contractor is required to keep a copy of the Permit Approval Notice, the Notice of Proposed Installation, and any approved amendments at the job site at all times.~~

Addendum No. 2

There shall be no direct payment made to the Contractor for work cost associated with the Permit but shall be subsidiary to other items of payment. Bid items are included for construction items to be completed on the highway right of way as shown on the project plans and governing specifications.

A copy of the Permit is included in the Construction Specifications and shall become part of the Construction Documents.

Contractor shall notify Transguide, Mr. Brad Adami, (210) 731-5109 for locate of their facilities in the project area.

Addendum No. 2

2. VIA FACILITIES: The contractor shall not remove or adjust any VIA facilities. The contractor must Contact VIA fourteen days prior, for the removal of benches, Stop Poles or any other VIA facilities that may be present. Please provide thirty days prior notice for shelter removal. The contractor will be liable for any damages to VIA facilities not removed by VIA. The contractor is required to replace all flatwork removed or damaged in the course of executing the contract unless otherwise noted by VIA. The contractor will be responsible for protecting VIA facilities if adjacent to work area.

3. TXDOT LOOP 410 TO IH 37 NORTH CONNECTOR RAMP: Connector ramp from Loop 410 west and east bound traffic to IH37 north bound traffic may be closed to traffic as identified in the Sequence of Work Narrative sheet, Detour Route sheet, and Traffic Control Plan Notes and Special Conditions sheet. Ramp may be closed between the hours of 12 midnight to 5AM. Ramp closure shall be for removal and replacement of guard rail, mobilization and demobilization of equipment, and installation and removal of concrete traffic barriers (CTB). When open for traffic, the connector ramp must have either guard rail or concrete traffic barrier in place. Ramp closure is limited to 10 closure events. Additional closure events must be approved by TXDOT. During ramp closure, a uniformed police officer shall be present at the "U" turnaround shown in the Detour Route at US Hwy 181 and Old Corpus Christi Road to direct traffic.

For delivery of box culverts section and construction materials and staging construction equipment, the eastern section of the 25 foot pavement on the ramp may be closed to traffic. See Traffic Control Plan Partial Closure of Loop 410 to IH 37 North Connector Ramp sheet. A minimum of 12 feet on the west side of the paved ramp must remain open to traffic. The speed limit shall be reduced to 35 mph. The closed shall comply with the TXDOT Traffic Control Detail sheets. Culverts sections shall be off loaded from the truck with equipment positioned in the construction zone. Culvert sections must be staged in the parkway/ construction area on the east side of the ramp guard rail or temporary concrete barrier. The work space for parking the culvert delivery truck shall be a maximum of 200 feet. The full width of the ramp shall be reopened to traffic when closure section is not in use. The partial closure of the ramp shall be between the hours of 12 midnight to 5 a.m.

Addendum No. 2

Payment for portable concrete traffic barriers required by TXDOT or the CITY OF SAN ANTONIO will be made under TXDOT ITEM 512 Portable Concrete Traffic Barrier. A maximum of 200 feet will be paid for. There shall be no separate measurement or payment for removal and replacement of existing guard rail in TXDOT Right of Way. This work shall be considered subsidiary to ITEM 101 Preparation of Right of Way. Replacement of guard rail shall be as approved by TXDOT. Payment for Portable Changeable Message Signs required shall be made under TXDOT ITEM 6834, Portable Changeable Message Sign.

The contractor shall comply with all TXDOT permit, notification, signage, barricade and traffic control requirements.

6. CPS: Contractor shall contact CPS Energy Contact Person, Mr. Rand Real - phone number 210/844-5047. 48 hours prior to working around gas main(s).

DELETED NOTES

NONE

PLANS:

1. THICKNESS OF CONCRETE RIPRAP SHALL BE SIX INCHES.
2. TYPICAL CONCRETE CHANNEL RIPRAP STANDARDS, SHEET 10, SHALL GOVERN THROUGH OUT THE PROJECT LIMITS INCLUDING TXDOT R.O.W. USE CLASS A CONCRETE, 3000 P.S.I.

"THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY DONALD L. WHITE ON 1/20/11. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING ACT."



Donald L. White 1/20/11

TBPE NO. F-896

REVISIONS			
Addendum No. 2 - 1/20/2011			
FERNANDEZ FRAZER WHITE & ASSOCIATES, INC			
CIVIL ENGINEERS / SURVEYORS			
11824 RADIIUM SAN ANTONIO, TX. 78216			
(210) 377-0774 TBPE# F-896 FAX: (210) 366-0376			
CITY OF SAN ANTONIO			
CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT			
PROJECT TITLE			
SUPPLEMENTAL GENERAL NOTES			
(ADDENDUM NO. 2)			
% SUBMITTAL	PROJECT NO.:	DATE:	10/22/10
DRAWN BY:	DSGN. BY:	CHKD. BY:	SHEET NO. 4

**SPECIAL PROVISIONS
TXDOT ITEM 476
JACKING, BORING OR TUNNELING PIPE OR BOX**

REVISED – ADDENDUM NO 2 – JANUARY 20, 2011

Add the following to Section 476.2 Materials

1. Materials cracked, gouged, chipped dented or otherwise damaged will not be approved for installation.
2. Precast Reinforced concrete box culvert joints shall be used and shall be “Jacking Quality” designed to withstand the estimated jacking loads. The reinforced concrete box culvert submittal from the manufacture shall state the joints to be used in the jacking operation are designed for “Jacking Quality” and state the estimated jacking load used in the design. Joints shall be no longer than six feet in length.
3. Provide three 1 ½ inch minimum threaded grout couplings in each joint located on the top and either side of the boxes.

Add the following to Section 476.3 CONSTRUCTION

Safety Control:

Provide and maintain barricades and lights to safeguard traffic and pedestrians during jacking operations. Modify and or add to the control devices as directed by TXDOT.

Hydraulic Jacking System:

1. Have main jacks mounted in jacking frame located in the jacking shaft
2. Position jacks at the four corners of the Reinforced Concrete Box Culvert
3. The jacking frame will allow for successively pushing string of connected box culvert joints following tunnel excavation towards receiving shaft
4. System shall have a capacity of at least 25 percent greater than calculated maximum jacking load
5. Uses hydraulic jacks which are individually controlled

Ventilation:

1. Provide adequate air flow for workers inside the tunnel excavation
2. Provide equipment with the ability to maintain a reasonable air temperature inside the tunnel excavation.

Shaft:

1. Shall be constructed in accordance with the OSHA 1926 standard. Pits shall be large enough to accommodate the backstop, jacking equipment, muck removal equipment and maintain a minimal walking room on either side.
2. Install reinforced concrete box culvert so there is no interference with the operation of the highway and no embankment, roadway or structure is weakened or damaged.
3. Immediately after installation of the reinforced box culvert, backfill shafts and/or trenches excavated to facilitate jacking operation.

4. Shoring shall be paid for under TXDOT Item 403, TEMPORARY SPECIAL SHORING, - PER LUMP SUM.

Backstop:

Shall be constructed to withstand jacking loads. Shall be constructed of steel, concrete and/or other approved material.

Line and Grade

The line and grade shall be checked after each time the reinforced concrete box is jacked.

Face Control:

Provide adequate face control as necessary for the existing soil conditions

Box Lubrication:

1. Provide and maintain box lubrication system adequate to reduce friction between the reinforced concrete box culvert and the surrounding soil.
2. Use high yield Wyoming bentonite or approved equal.
3. Lubricate the reinforced concrete box culvert a minimum of twice per 8 hour work shift.
4. The volume of lubricant pumped should be sufficient to fill the over excavation.

Grouting:

Pressure grout any excavation of more than one inch.

Work Schedule:

Maintain a 24 hour, 7 day week operation while jacking until jacking operation is complete.

Surface Control:

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**CITY OF SAN ANTONIO
DEPARTMENT OF CAPITAL IMPROVEMENTS MANAGEMENT SERVICES
CONTRACT SERVICES DIVISION**

RECEIPT OF ADDENDUM NUMBER 2 IS HEREBY ACKNOWLEDGED FOR PLANS AND

SPECIFICATIONS FOR CONSTRUCTION OF Goliad / IH 37 Outfall

FOR WHICH BIDS WILL BE OPENED ON January 26, 2011

THIS ACKNOWLEDGEMENT MUST BE SIGNED AND RETURNED WITH THE BID PACKAGE.

Company Name: _____

Address: _____

City/State/Zip Code: _____

Date: _____

Signature

Print Name/Title